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**PROFESSOR F.I. LOMINSKYI (1856-1927) AS A FOUNDER
OF HISTOPHYSIOLOGICAL SCHOOL IN MODERN MEDICINE
OF OUR COUNTRY**

Summary

F.I. Lominskyi is the famous Ukrainian histologist, a teacher, a science organizer and P.I. Peremezhko's student; he was the head of histology and embryology departments under St. Volodymyr University and Kyiv Medical Institute during many years, he facilitated the improvement of material and technical levels in these institutions and carried out specific fundamental researches.

O.H. Cherniahivskyi, J.N. Kvitnytskyi-Ryzhov, M.P. Boichak and others' works reveal separate aspects of Professor F.I. Lominskyi's life and professional activity.

F.I. Lominskyi's researches are connected with histological and morphological questions, but there are also publications about microscopic technology, pathological anatomy and bacteriology. The scientist carried out special researches concerning microstructure of crystalline lens, links between muscles and tendons, physiological degeneration of the muscle fibers, reactive changes of exo- and endocrine parts of pancreas etc. Special attention is paid to his researches dealt with the division and degeneration of nerve cells, structure and importance of intracellular canals etc. Moreover, F.I. Lominskyi's researches about the method of metal impregnation

(painting) of tissues, structure of crystalline lens etc. were very important. Scientific results which were summed up in F.I. Lominskyi's work "About the division of nerve cells" (1882) laid the foundations for modern histophysiological school in histology as he was the first who opened the indirect division of nerve cells. F.I. Lominskyi's researches concerning these questions were highly estimated by the famous scientist I.I. Mechnykov.

Thus, Professor F.I. Lominskyi is a talented teacher, a science organizer and a scientist who was the initiator of many directions in histology researches. His scientific heritage is full of fundamental works, the majority of which are still popular now. The scientists called him the founder of histophysiological school in modern histology. He was the first who described the mitotic division of neuroblasts during the embryo period of development. His works dealt with the morphological structure of neurons under the influence of chemicals and mechanical injuries are still concerned. The histologist found out the importance and the role of leucocytes in pathological nerve cells. His researches connected with morphological changes of neurons under the influence of chemicals and mechanical injuries, differentiation of nerve cells in higher and lower vertebrates in the process of embryogenesis etc. are still of great interest nowadays.

Keywords: histology, embryology, St. Volodymyr's University, Kyiv Medical Institute, F.I. Lomykovskyi.